

DUTY STATEMENT

Classification: Electrical Engineer	Position No. 4300-3613-001
CBID: R09	Office: High Performance Buildings and Standards Development
Date Prepared: January 3, 2011	Division: Efficiency and Renewable Energy Division
KEY: (E) IS ESSENTIAL, (M) IS MARGINAL	

The Electrical Engineer is under the supervision of the Energy Commission Supervisor II (EFF) in the High Performance Buildings and Standards Development Office of the Efficiency and Renewable Energy Division. The incumbent will perform electrical engineering work to identify opportunities for making energy efficiency improvements in the electrical systems of existing residential and nonresidential buildings, and evaluate the impacts of these improvements in terms of energy savings, climate change mitigation, installation and operating cost, cost effectiveness, occupant comfort and building functionality as it relates to AB 758 (Skinner, 2009). The mission of the unit is to develop and implement the comprehensive statewide programs to improve energy efficiency in existing California buildings directed by AB 758.

WORKING CONDITIONS: Work is performed indoors in an office setting.

DUTIES AND RESPONSIBILITIES:

- 55% Perform less complex electrical and electronic engineering technical analysis involved with building illumination, outdoor and indoor lighting, power installations, power density, complicated electric control systems, communication and electronic systems and provide recommendations on existing electrical installations and proposed projects, inspect and test electrical installations and proposed projects; and inspect and test electrical apparatus and installations supporting the development and implementation of the AB 758 comprehensive statewide program. (E)
- 30% Assist and provide electrical engineering analysis on issues related to AB 758 and respond to requests for assistance and information from project proponents and others interested in energy policy, programs and technologies. (E)

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- 10% Assist in the preparation of reports on project, program and technology issues and achievements. Assist in the presentation of conclusions and recommendations to the Energy Commission, other governmental agencies, public and investor owned utilities and other regarding technical, economic, and environmental feasibility of energy efficiency in California. (E)
- 5% Perform other related duties as required consistent with the specification of this classification. (M)

SIGNATURES	
I CERTIFY THAT I AM TO PERFORM, WITH OR WITHOUT THE ASSISTANCE OF A REASONABLE ACCOMMODATION, THE ESSENTIAL JOB DUTIES OF THIS POSITION	
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Date	Date
Electrical Engineer	Gary Flamm EC Supervisor II (EFF)